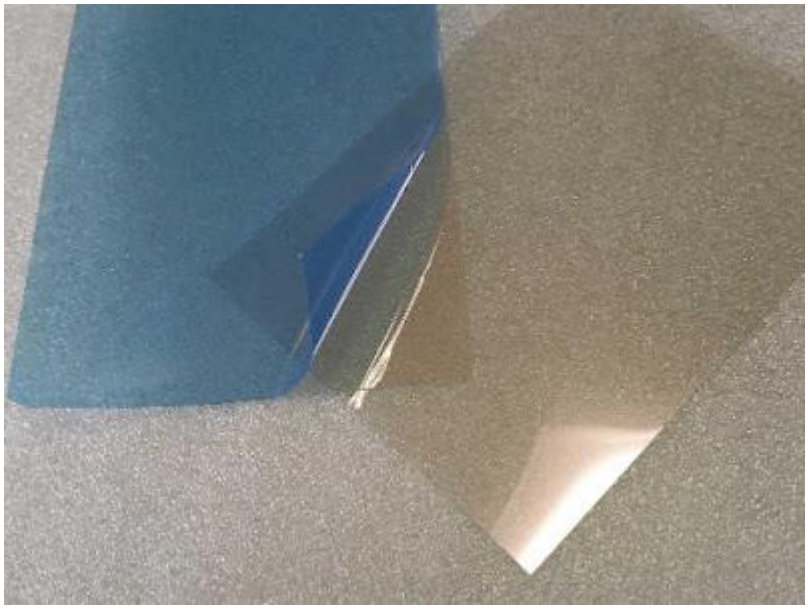
EMI Shielding Window Film: Reliable Protection for Sensitive Electronics

What is EMI Shielding Window Film?

Electromagnetic interference (EMI) can disrupt the performance of electronic devices, causing malfunctions or data loss. **EMIshielding window film** provides a smart, efficient way to block these unwanted electromagnetic signals while maintaining optical clarity. These films are applied to transparent surfaces such as glass, polycarbonate, or acrylic to create a protective barrier against EMI and RFI without affecting visibility or touch performance.

These films can also be laminated with glass, acrylic, or polycarbonate to create rigid EMI shielding panels — extending Ghiringhelli Mario's range of advanced protection materials. The shielding film is an additional complementary solution, useful where lightweight optical protection is required, or for lamination with glass, polycarbonate, or acrylic to form rigid shielding panels. Our main expertise and market focus remain on high-performance wire mesh shielding glass, which provides superior EMI attenuation for defense, medical, and industrial applications.



Advanced Materials and Performance

At **Ghiringhelli Mario**, our EMI shielding window films are engineered using **conductive coatings** and **high-quality transparent substrates**. This combination ensures strong shielding effectiveness with excellent light transmission and durability. The films are thin, lightweight, and flexible—making them suitable for a wide range of applications in **defense, medical, industrial, and automotive electronics**.

Key Benefits

- **High EMI/RFI attenuation:** Protects sensitive devices from electromagnetic interference.
- **Optical transparency:** Maintains clear viewing and display performance.
- **Durable and versatile:** Resistant to scratches, temperature changes, and humidity.
- **Easy application:** Ideal for retrofitting existing screens and enclosures.

Applications Across Industries

From control panels and instrument displays to touchscreens and medical monitors, EMI shielding window films play a vital role in ensuring reliability and safety. They help maintain data integrity, improve performance, and extend equipment lifespan in critical environments.

Why Choose Ghiringhelli Mario

With decades of experience in **EMC and shielding solutions**, Ghiringhelli Mario provides **custom-designed EMI shielding films** tailored to meet specific technical and environmental needs. Choose Ghiringhelli Mario for superior performance, optical precision, and long-term protection.